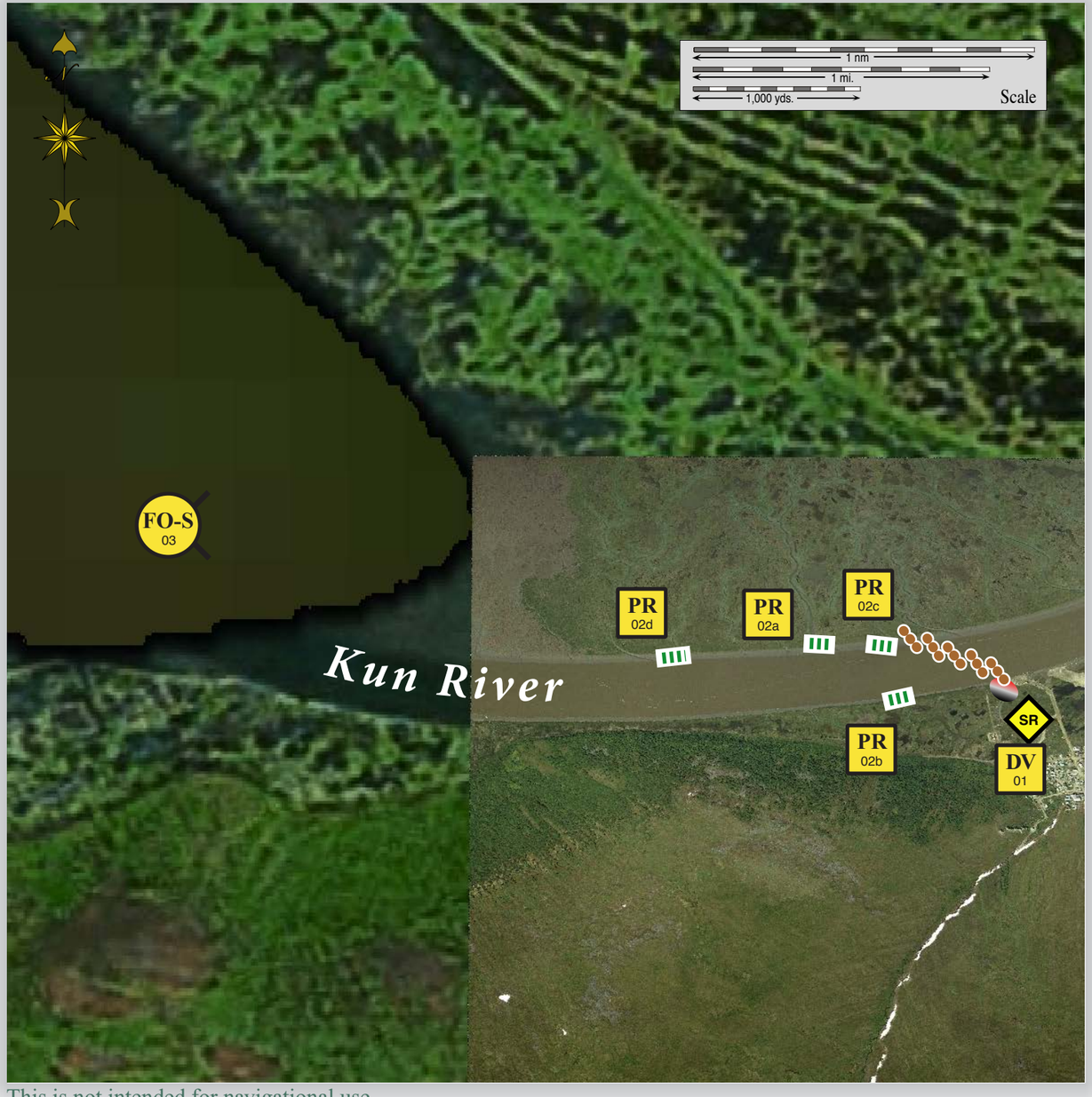
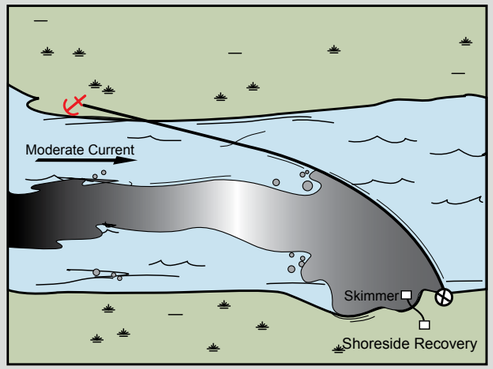
Geographic Response Strategies for *Western Alaska Subarea, Northern Zone*

Kun River, WAK-N05

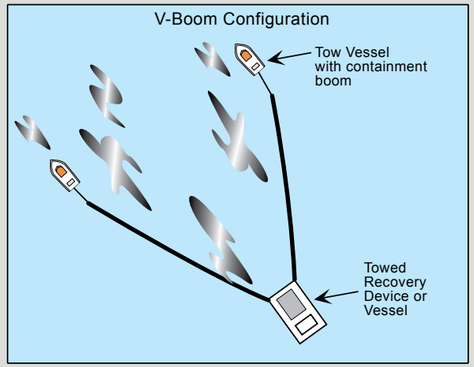
Center of map at 61° 50.90' N Lat., 165° 37.97' W Lon.



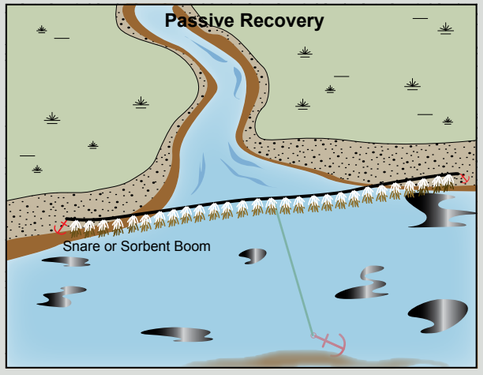
This is not intended for navigational use.



An example of the ***Diversion Booming Tactic***. Actual deployment should be adjusted for local conditions.



An example of the ***Free-oil Recovery Tactic***. Actual deployment should be adjusted for local conditions.



An example of the ***Passive Recovery Tactic***. Actual deployment should be adjusted for local conditions.

Map Legend

- FO-S — Free-oil Recovery
- DV — Diversion Booming
- PR — Passive Recovery
- SR — Shoreside Recovery
- Fast-water Boom
- Snare or Sorbent Boom
- Tidal-seal Boom

Aerial photography of this area is unavailable at this time, but may be included as it becomes available.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
N-05-01 **DV**	**Kun River** Lat. 61º 50.73'N Lon. 165º35.20'W	**Divert and Collect** Divert oil to shore side collection location on the shore of the Kun River.	Deploy anchors and boom with skiffs (class 6). Cascade the arrsy in 300 ft sections of fast-water boom at the proper angle to divert incoming oil to the collection site. Complete the arrays with 60 sections of tidal seal boom. The tidal slough before the airport may be used as a recovery area. Set up shore-side recovery and tend throughout the tide.	**Deployment** **Equipment** 1500 ft. fast-water boom 60 ft. tidal seal boom 7 ea. anchor systems 4 ea. anchor stakes 1 ea. shore-side recovery systems **Vessels** 2 ea. class 6 **Personnel/Shift** 4 ea. vessel crew/general techs 2 ea. response techs **Tending** **Vessels** 1 ea. class 6 **Personnel/Shift** 2 ea. vessel crew/general techs 2 ea. skilled tech	Scammon Bay	Via marine waters Chart 16240-1	Fish- intertidal spawning-salmon (June-Sept.), herring, sheefish, white fish Birds-waterfowl, seabird and shorebird concentration Marine mammals- seals Habitat- exposed tidal flats, peat shoreline, marsh, Human use-subsistence	Vessel master should have local knowledge. Title 41 permitting required from ADNR. Use appropriate measures as outlined in the STAR manual to protect the shoreline. Surveyed: not yet Tested: not yet
N-05-02 **PR**	**Scammon Bay & Kun River** a. Lat. 61º 50.86'N Lon. 165º35.94'W b. Lat. 61º 50.74'N Lon. 165º35.39'W c. Lat. 61º 50.88'N Lon. 165º35.64'W d. Lat. 61º 50.83'N Lon. 165º36.71'W	**Passive Recovery** Survey and identify the drainages from the tundra prior to deployment. Place passive recovery across the channels of the streams and drainages in the area near Scammon Bay & Kun River.	Place and anchor snare line or sorbent boom across the channels of streams in Scammon Bay & Kun River. Replace as necessary to maximize the recovery. <u>Boom Lengths:</u> a. 100 ft b. 50 ft c. 50 ft d. 50 ft	**Deployment** **Equipment** 250 ft. snare line or sorbent boom 1 ea. small anchor systems 7 ea. anchor stakes (Adjust equipment to reflect survey findings) **Vessels/Personnel/Shift** Same as N-05-01 **Tending** **Vessels/Personnel/Shift** Same as N-05-01	Scammon Bay	Via marine waters Chart 16240-1	Same as N-05-01	Vessel master should have local knowledge.
N-05-03 **FO-S**	**Scammon Bay & Kun River** Nearshore waters in the general area of: Lat. 61° 50.90'N Lon. 165°37.97'W	**Free-oil Recovery** Maximize free-oil recovery in the offshore & nearshore environment of Scammon Bay & Kun River depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of the Scammon Bay & Kun River. Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Scammon Bay	Via marine waters Chart 16240-1	Same as N-05-01	Vessel master should have local knowledge. Use extreme caution, shallow waters with shifting channels and bars.

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the Western Alaska Subarea Contingency Plan: http://dec.alaska.gov/spar/perp/plans/scp_wak.htm.